

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002280.D
 Acq On : 08 Aug 2015 17:01
 Operator : TP/UM
 Sample : G3161-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C62

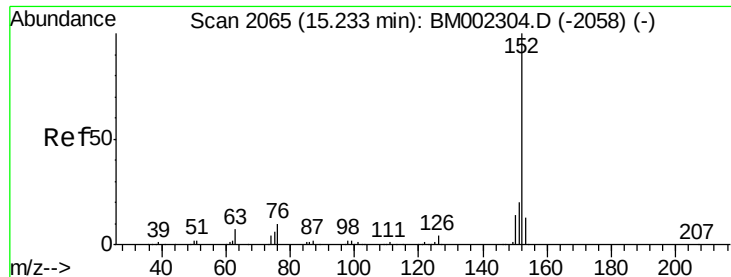
Manual Integrations
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 8/10/2015 7:14:59 PM

Quant Time: Aug 09 06:14:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 05:31:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	246509	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1197753	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	615901	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1230906	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1102666	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	904116	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1220676	19.13	ng/ul	0.00
10) Fluorene-d10	16.47	176	800667	18.04	ng/ul	0.00
14) Anthracene-d10	18.30	188	1149193	19.24	ng/ul	0.00
18) Pyrene-d10	20.52	212	1137638	21.27	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	838147	17.46	ng/ul	0.00
Target Compounds						
8) Acenaphthylene	15.23	152	72461	1.09	ng/ul	Qvalue 99
13) Phenanthrene	18.25	178	449581	6.35	ng/ul	99
16) Fluoranthene	20.19	202	696484	8.88	ng/ul	98
19) Pyrene	20.55	202	755396	10.60	ng/ul	99
20) Benzo(a)anthracene	22.27	228	240800	3.58	ng/ul	99
21) Chrysene	22.33	228	325118	5.10	ng/ul	97
23) Benzo(b)fluoranthene	24.16	252	310150	5.52	ng/ul	97
24) Benzo(k)fluoranthene	24.20	252	90413m	1.68	ng/ul	
26) Benzo(a)pyrene	24.87	252	205404	3.82	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	132055	2.14	ng/ul	94
29) Benzo(g,h,i)perylene	28.73	276	120872	2.32	ng/ul	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8

Acenaphthylene

Concen: 1.09 ng/ul

RT: 15.23 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BM002280.D

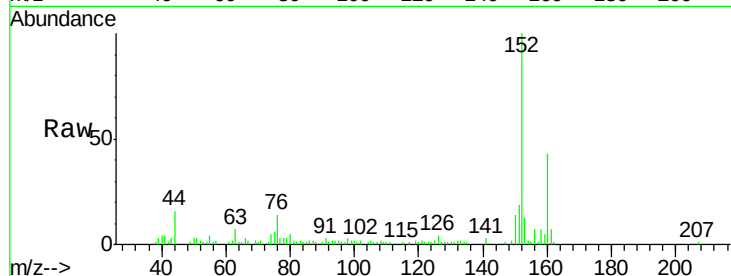
Acq: 08 Aug 2015 17:01

Instrument :

BNA_M

ClientSampleId :

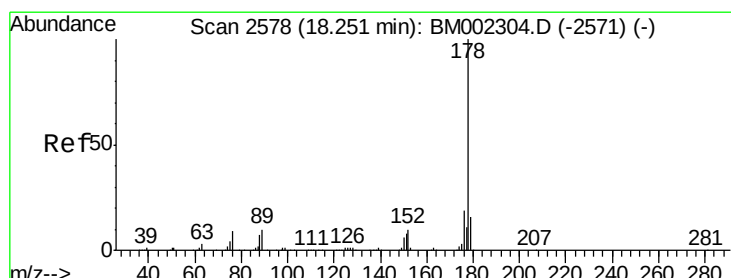
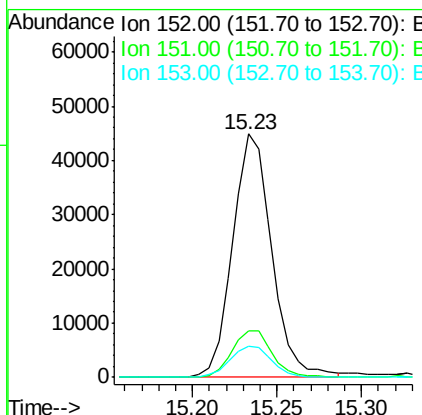
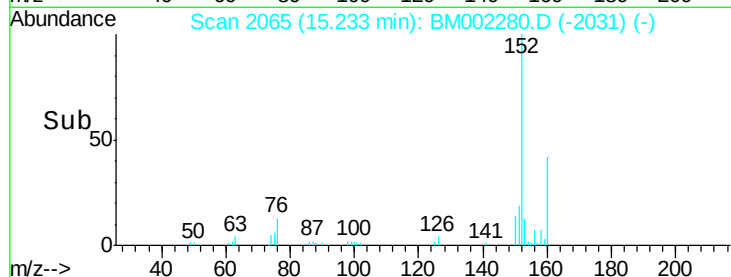
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Tgt Ion:	152	Resp:	72461
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.9	23.9
153	12.6	10.6	15.8

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#13

Phenanthrene

Concen: 6.35 ng/ul

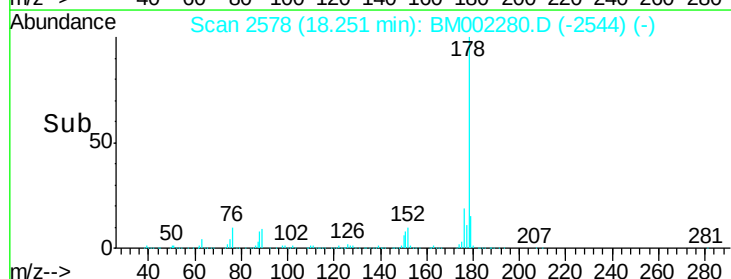
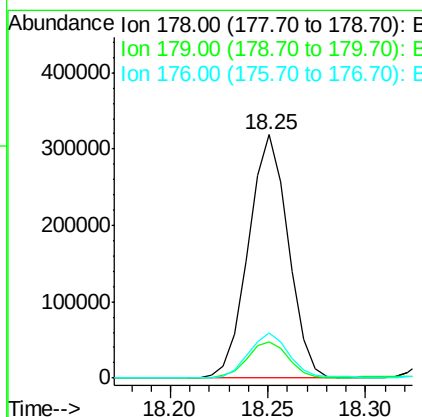
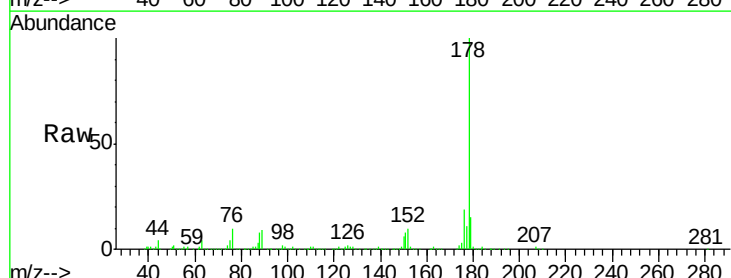
RT: 18.25 min Scan# 2578

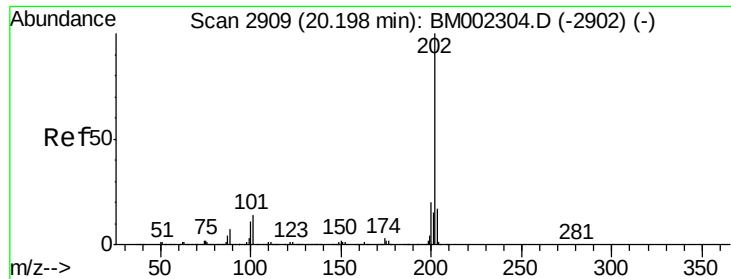
Delta R.T. -0.00 min

Lab File: BM002280.D

Acq: 08 Aug 2015 17:01

Tgt Ion:	178	Resp:	449581
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.3	18.5
176	18.8	15.3	22.9





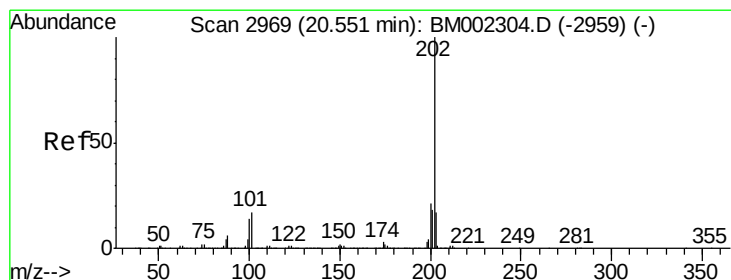
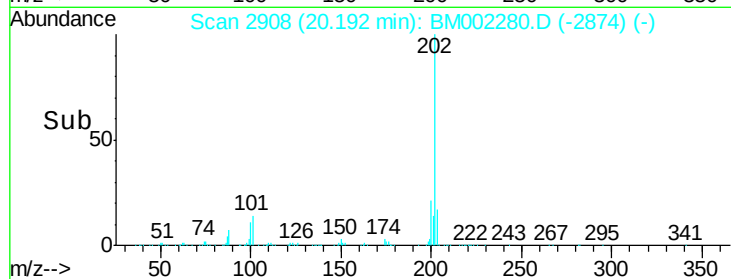
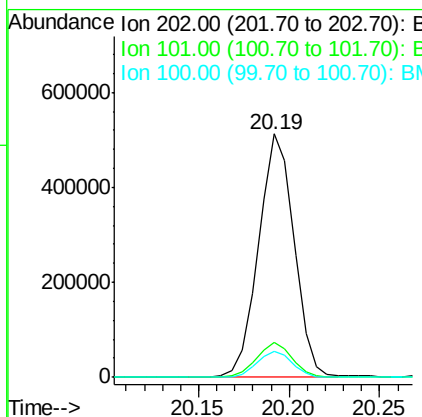
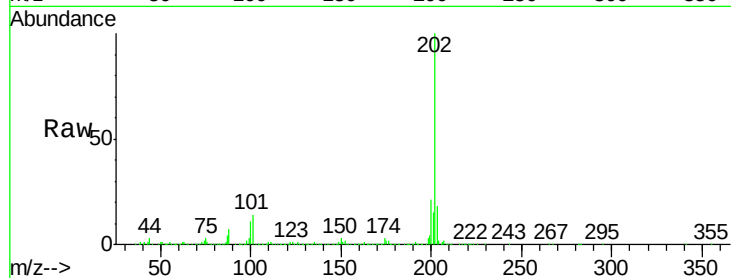
#16
Fluoranthene
 Concen: 8.88 ng/ul
 RT: 20.19 min Scan# 2908
 Delta R.T. -0.00 min
 Lab File: BM002280.D
 Acq: 08 Aug 2015 17:01

Instrument :
 BNA_M
 ClientSampleId :
 D9C62

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	696484		
101	14.4	10.6	15.8	
100	10.7	8.2	12.4	

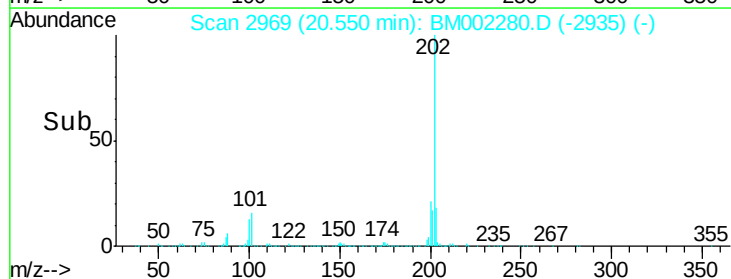
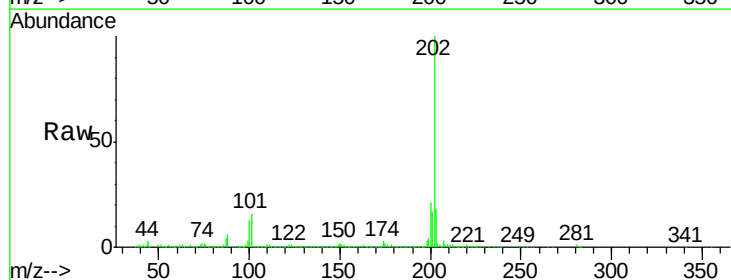
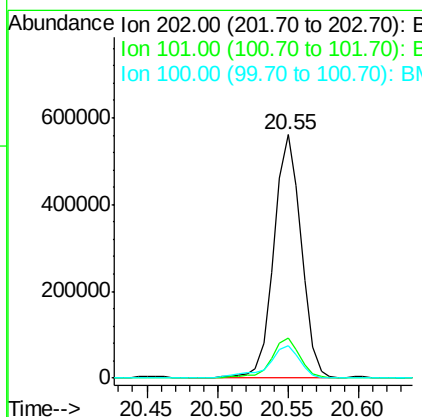
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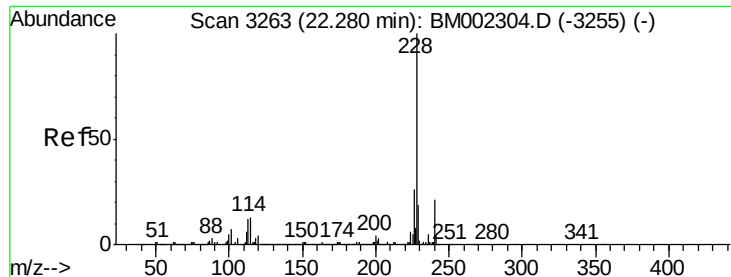
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#19
Pyrene
 Concen: 10.60 ng/ul
 RT: 20.55 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BM002280.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	755396		
101	16.5	13.0	19.6	
100	13.4	11.0	16.4	





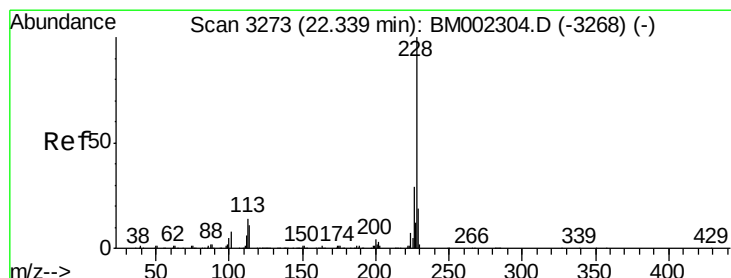
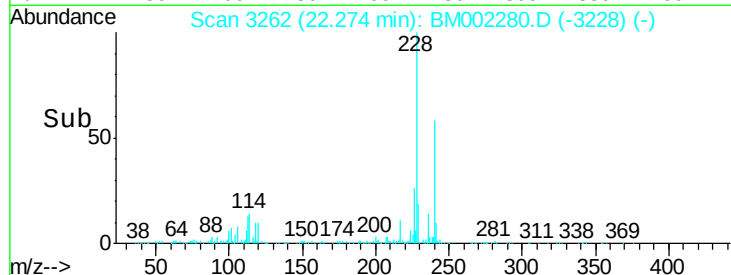
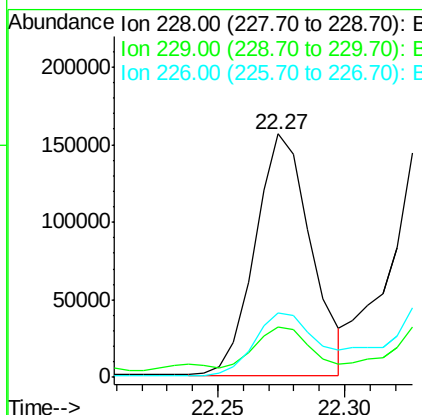
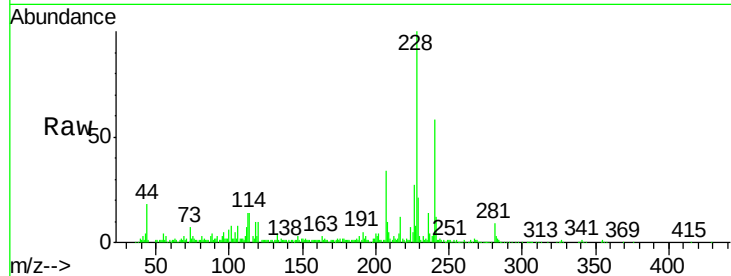
#20
Benzo(a)anthracene
Concen: 3.58 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. -0.00 min
Lab File: BM002280.D
Acq: 08 Aug 2015 17:01

Instrument :
BNA_M
ClientSampleId :
D9C62

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	26.6	21.4	32.0

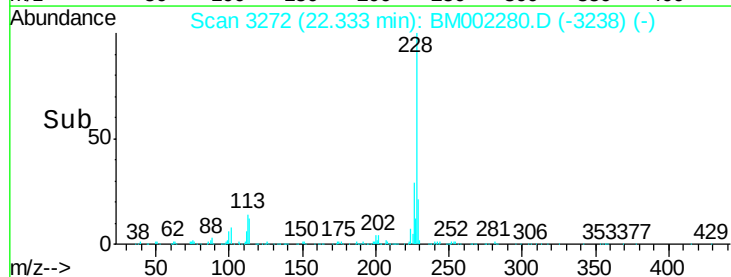
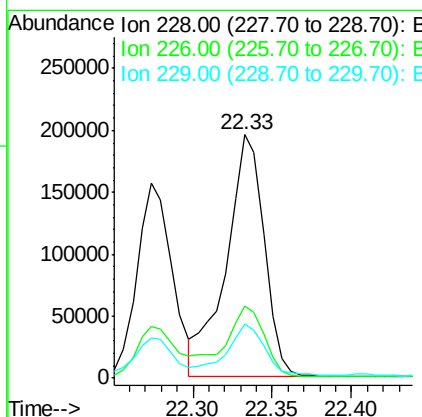
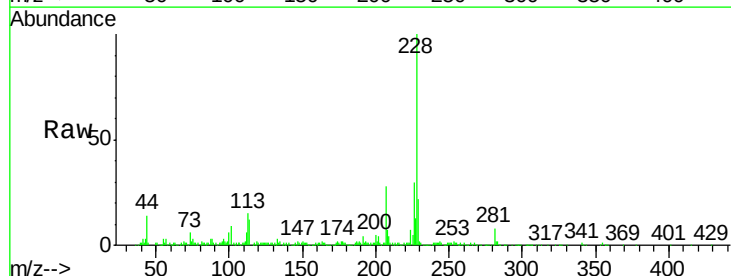
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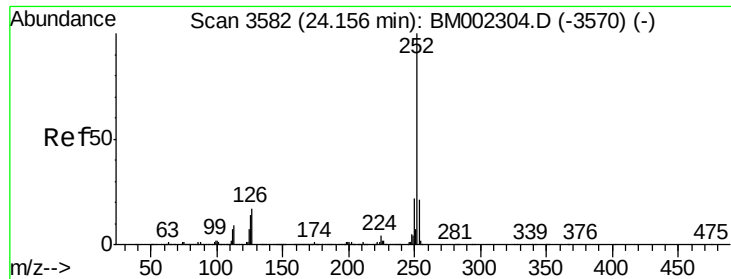
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#21
Chrysene
Concen: 5.10 ng/ul
RT: 22.33 min Scan# 3272
Delta R.T. 0.00 min
Lab File: BM002280.D
Acq: 08 Aug 2015 17:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	22.3	15.5	23.3





#23

Benzo(b)fluoranthene

Concen: 5.52 ng/ul

RT: 24.16 min Scan# 3582

Delta R.T. 0.00 min

Lab File: BM002280.D

Acq: 08 Aug 2015 17:01

Instrument :

BNA_M

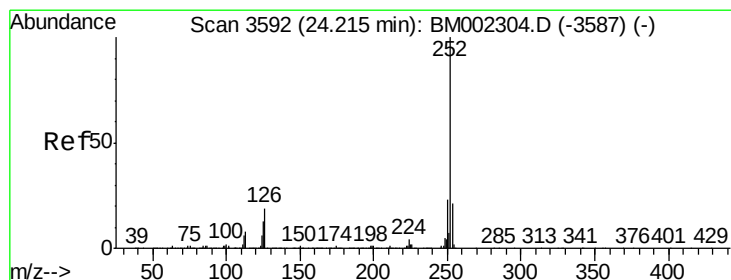
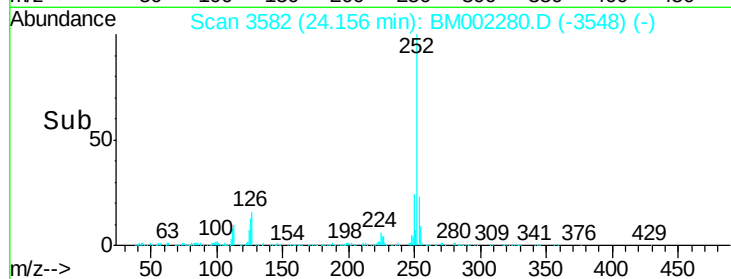
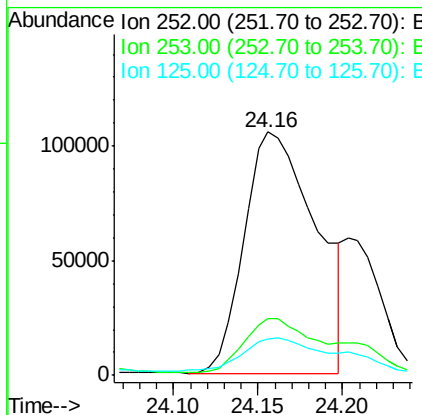
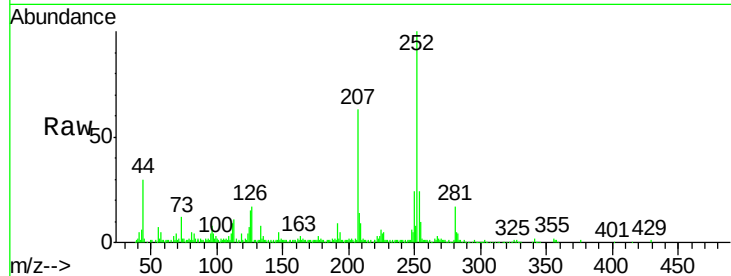
ClientSampleId :

D9C62

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Tgt Ion:	252	Resp:	310150
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	14.8	10.3	15.5



#24

Benzo(k)fluoranthene

Concen: 1.68 ng/ul m

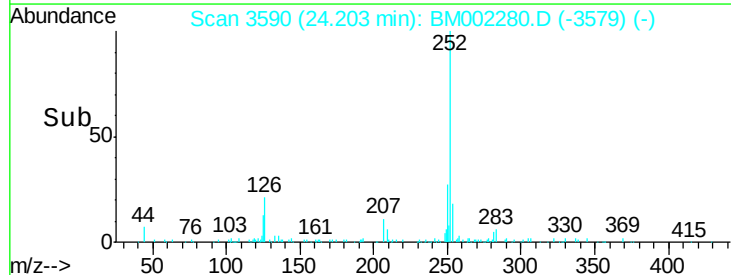
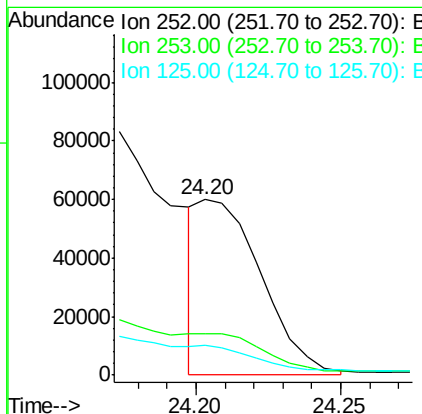
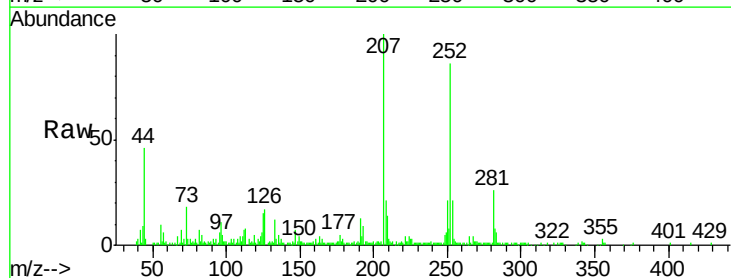
RT: 24.20 min Scan# 3590

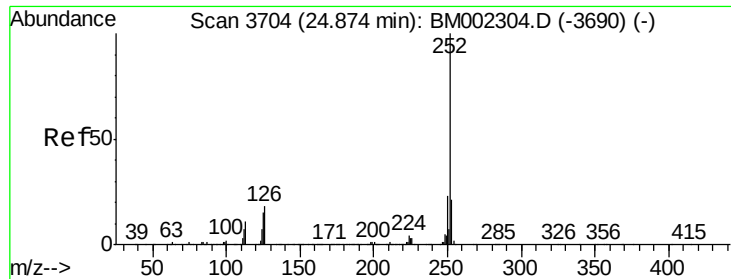
Delta R.T. -0.01 min

Lab File: BM002280.D

Acq: 08 Aug 2015 17:01

Tgt Ion:	252	Resp:	90413
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.3	25.9
125	16.9	10.2	15.4#





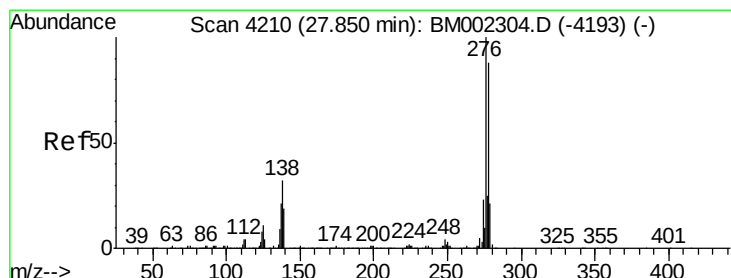
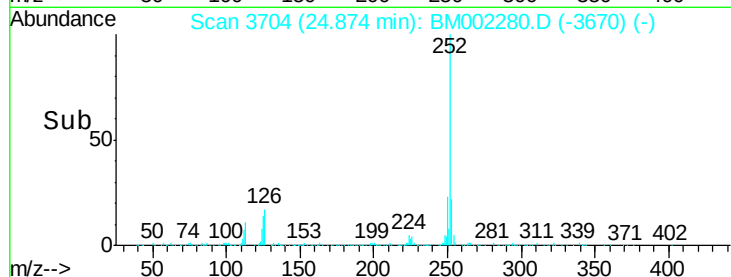
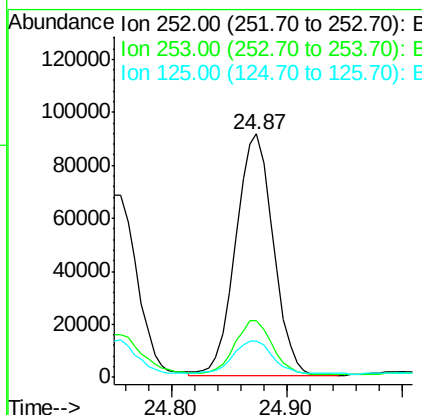
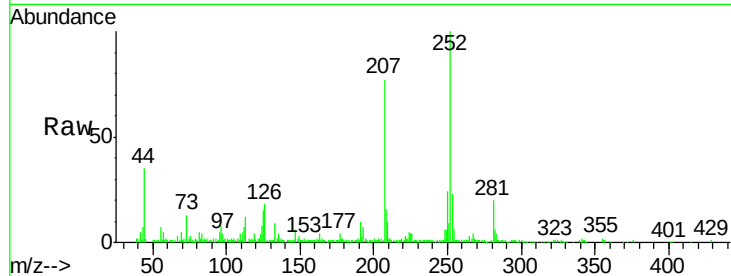
#26
Benzo(a)pyrene
Concen: 3.82 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BM002280.D
Acq: 08 Aug 2015 17:01

Instrument :
BNA_M
ClientSampleId :
D9C62

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	15.1	11.0	16.6

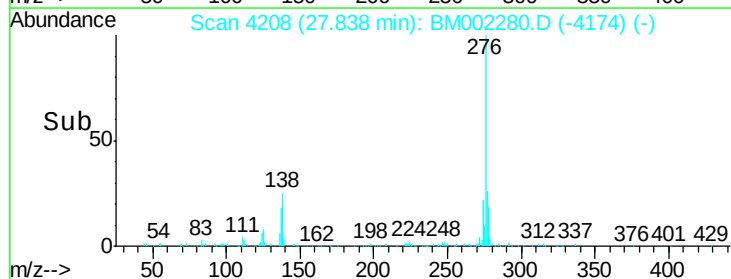
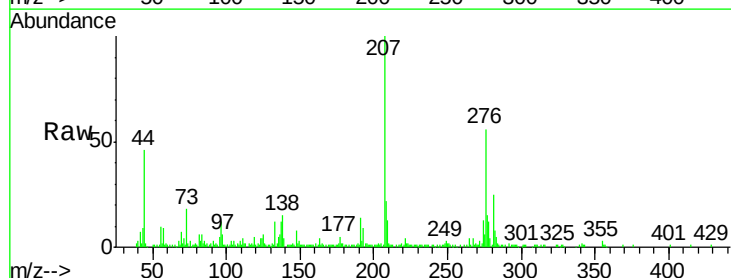
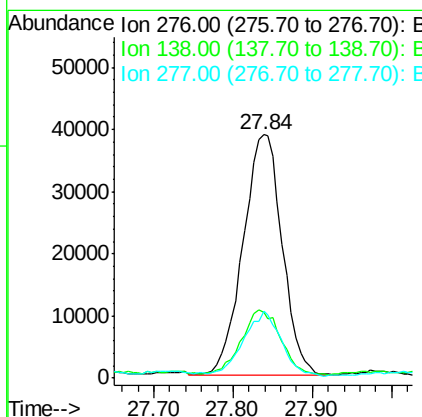
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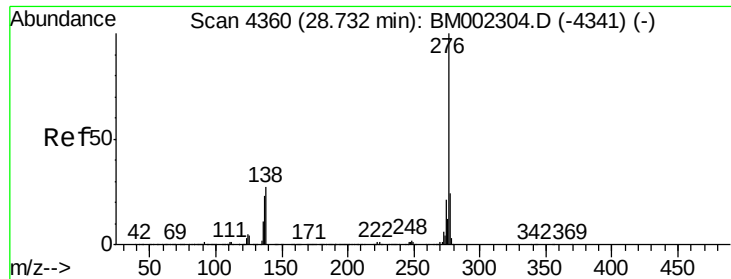
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#27
Indeno(1,2,3-cd)pyrene
Concen: 2.14 ng/ul
RT: 27.84 min Scan# 4208
Delta R.T. 0.00 min
Lab File: BM002280.D
Acq: 08 Aug 2015 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.6	38.4
277	27.6	21.0	31.4





#29

Benzo(g,h,i)perylene

Concen: 2.32 ng/ul

RT: 28.73 min Scan# 4359

Delta R.T. 0.01 min

Lab File: BM002280.D

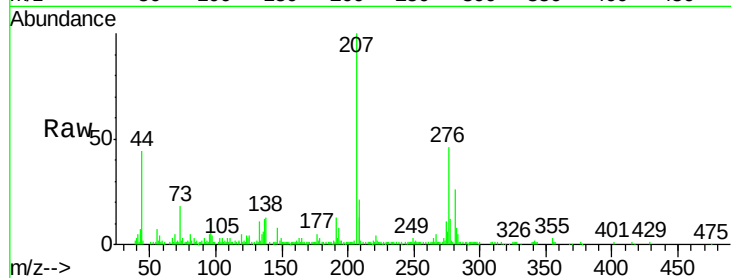
Acq: 08 Aug 2015 17:01

Instrument :

BNA_M

ClientSampleId :

D9C62



Tgt Ion: 276 Resp: 120872

Ion Ratio Lower Upper

276 100

138 28.8 20.5 30.7

277 26.1 19.0 28.6

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